International Bureau



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(43) International Publication Date 7 April 2005 (07.04.2005)

PCT

(10) International Publication Number WO 2005/031347 A1

(51) International Patent Classification⁷: G01N 33/50, A61P 35/00, 9/10, 3/10, 25/00

(21) International Application Number:

PCT/GB2004/004060

(22) International Filing Date:

27 September 2004 (27.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0322689.1 27 September 2003 (27.09.2003)

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: METHODS

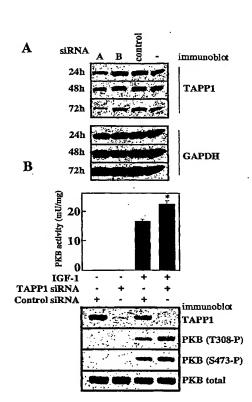
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(57) Abstract: A method for identifying a compound for modulating the cellular activity or location of PTPL1, comprising the step of identifying a compound that modulates the interaction of PTPL1 with TAPP; or which modulates or mimics the interaction of TAPP with Ptdlns(3, 4)P2; or which modulates the cellular location of TAPP. A method of treating a patient with diabetes or in need of inhibition of apoptosis, for example in the treatment of ischaemic disease, wound healing or nerve regeneration, wherein the patient is administered an effective amount of a compound that inhibits the interaction of PtdIns(3, 4)P2 with TAPP or that inhibits the interaction of TAPP with PTPL1. A method of treating a patient in need of promotion of apoptosis, for example in treating cancer or in the resolution of inflammation, wherein the patient is administered an effective amount of a compound that promotes the interaction of TAPP with PtdIns(3, 4)P2 or that mimics the effect of PtdIns(3, 4)P2 on TAPP, or that promotes the interaction of TAPP with PTPL1.

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WO 2005/031347 A1



- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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